

US EPA ARCHIVE DOCUMENT

Table PG7. Results for All Protection Groups - Surface Impoundments in mg/l

Surface Impoundments - 2000m		Protection Group 1			Protection Group 2			Protection Group 3			Protection Group 4		
		10-6	99% Pop	95% Prob	10-6	99% Pop	90% Prob	10-5	99% Pop	90% Prob	10-5	95% Pop	90% Prob
Chemical Name	CASRN	HH (0.1)	Eco (1)	Lowest	HH (1)	Eco (1)	Lowest	HH (1)	Eco (1)	Lowest	HH (1)	Eco (10)	Lowest
Acrylonitrile	107-13-1	0.05	note 1	0.05	0.3	note 1	0.3	1	note 1	1	50	note 1	50
Benzene	71-43-2	0.4	20	0.4	1	40	1	60	40	40	100	100	100
Pentachlorophenol	87-86-5	0.7	1	0.7	1	1	1	1	1	1	1	1	1
Mercury	7439-97-6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lead	7439-92-1	note 2	2	2	note 2	3	3	note 2	3	3	note 2	40	40

- note 1: Ecological impacts were not evaluated due to the lack of chronic ecological toxicity values.
- note 2: Human impacts were not evaluated due to the lack of human health toxicity values.
- note 3: The values in the highlighted cells are the same as the highest waste concentration evaluated.